

(FILE 'HOME' ENTERED AT 17:57:51 ON 03 APR 2005)

FILE 'STNGUIDE' ENTERED AT 17:57:55 ON 03 APR 2005

FILE 'HOME' ENTERED AT 17:58:04 ON 03 APR 2005

FILE 'REGISTRY' ENTERED AT 17:58:09 ON 03 APR 2005

L1 STRUCTURE UPLOADED  
L2 216 S L1 FULL  
L3 STRUCTURE UPLOADED  
L4 62 S L3 FULL  
L5 STRUCTURE UPLOADED  
L6 361 S L5 FULL

FILE 'CAPLUS' ENTERED AT 17:59:32 ON 03 APR 2005

L7 638676 S INFRA-RED OR INFRARED OR IR  
S L7 AND (L2 OR L3 OR L6)

FILE 'REGISTRY' ENTERED AT 17:59:55 ON 03 APR 2005

L8 3 S L3

FILE 'CAPLUS' ENTERED AT 17:59:55 ON 03 APR 2005

L9 1 S L8  
L10 812 S L7 AND (L2 OR L9 OR L6)  
L11 47 S DIIMONIUM  
L12 4 S L10 AND L11

FILE 'USPATFULL' ENTERED AT 18:11:58 ON 03 APR 2005

L13 419 S L7 AND (L2 OR L4 OR L6)  
L14 150 S DIIMONIUM  
L15 16 S L14 AND L13

FILE 'CAPLUS' ENTERED AT 18:14:26 ON 03 APR 2005

L16 821 S L7 AND (L2 OR L4 OR L6)  
L17 9 S L16 NOT L10

=> s l17 and l11

L18 0 L17 AND L11

10/093, 312

w/ Diiminium  
CAPLUS L12 1-4  
USPT full L15 1-16

L12 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2005:33128 CAPLUS  
 DN 142:143759  
 TI Composition for optical film comprising a near-infrared  
 absorbing dye and a quencher  
 IN Miyako, Takeomi; Moriwaki, Ken  
 PA Asahi Glass Co., Ltd., Japan  
 SO Eur. Pat. Appl., 29 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1496375	A2	20050112	EP 2004-14528	20040621
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
	US 2005008969	A1	20050113	US 2004-869946	20040618
	JP 2005049847	A2	20050224	JP 2004-203585	20040709
PRAI	JP 2003-273677	A	20030711		
	JP 2003-275442	A	20030716		

AB Comps. for an optical film comprising a stabilized cyanine dye and a quencher compound are described in which the stabilized cyanine dye comprises a quencher anion and a cation selected from I, II, or III (A and A' = independently selected benzene, naphthalene, or pyridine rings; R1 and R1' = independently selected halo, nitro, cyano, C6-30 aryl, C1-8 alkyl, or C1-8 alkoxy groups; R2-4 = independently selected H, halo, cyano, C6-30 aryl, diphenylamino, or C1-8 alkyl groups; X and X' = independently selected O, S, Se, propane-2,2-diyl, butane-2,2-diyl, C3-6 cycloalkane-1,1-diyl group, -NH- or -NY1-; Y, Y' and Y1 = independently selected C1-30 organic groups; r = 0-2; and r' = 0-2). The quencher compound may comprise a near-IR absorptive quencher compound, especially a **diiminium** dye. Optical films comprising the comps. dispersed in a transparent resin, or a transparent resing containing a diiminium dye, are also described.

IT **627862-09-3**

RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)

(comps. for optical films comprising a near-IR absorbing dye and a quencher and the films)

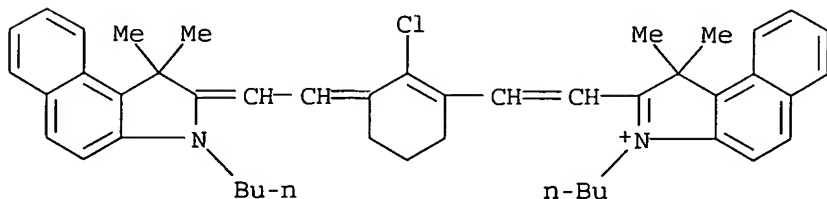
RN 627862-09-3 CAPLUS

CN 1H-Benz[e]indolium, 3-butyl-2-[2-[3-[(3-butyl-1,3-dihydro-1,1-dimethyl-2H-benz[e]indol-2-ylidene)ethylidene]-2-chloro-1-cyclohexen-1-yl]ethenyl]-1,1-dimethyl-, (SP-4-1)-bis[4-[[3,4-di(mercapto-κS)phenyl]sulfonyl]morpholinato(2-)]cuprate(1-) (9CI) (CA INDEX NAME)

CM 1

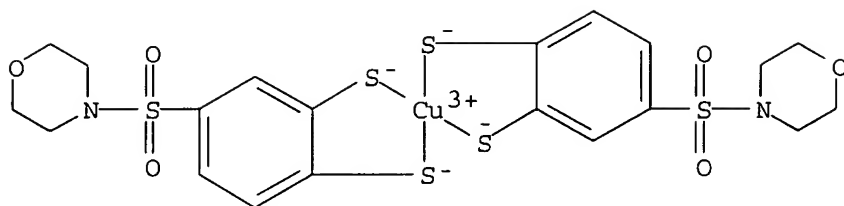
CRN 200574-76-1

CMF C46 H52 Cl N2



CM 2

CRN 197007-75-3  
CMF C20 H22 Cu N2 O6 S6  
CCI CCS



L12 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2004:842330 CAPLUS  
DN 141:357774  
TI Optical absorption pigment for optical absorption material  
IN Nishiguchi, Hideaki; Takeuchi, Takeshi; Fujisawa, Eiji; Suzuki, Michio  
PA Sumitomo Seika Chemicals Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 28 pp.  
CODEN: JKXXAF

DT Patent  
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2004285314	A2	20041014	JP 2003-130160	20030508
PRAI	JP 2002-303003	A	20021017		
	JP 2003-24346	A	20030131		

OS MARPAT 141:357774

AB The invention relates to an optical absorption pigment, suited for use in making an optical absorption materials, such as a plasma display filter, an IR filter, etc., characterized by: the ion pair composed of the substituted benzenethiol transition metal complex anion represented by I [R1 and R2 = C1-6 alkyl, C1-8 alkylamino, etc.; and M = transition metal atom] and the cyanine dye cation represented by II [Q1 and Q2 = 5 and 6 member N-heterocyclic forming atoms; R3 and R4 = C1-8 alkyl; and R5 = CH=CR6-CH, CH=CH-CR6=CH-CH, etc. [R6 = halo, alkyl, and aryl]]; and the diimonium salt dye represented by III [R7-10 = H, C1-6 alkyl, C1-8 alkylamino and aryl; X- = halide, inorg. and organic ions].

IT 775320-71-3 775320-73-5 775320-74-6  
775320-76-8 775320-93-9 775320-94-0  
775320-95-1 775320-96-2

RL: DEV (Device component use); TEM (Technical or engineered material use); USES (Uses)

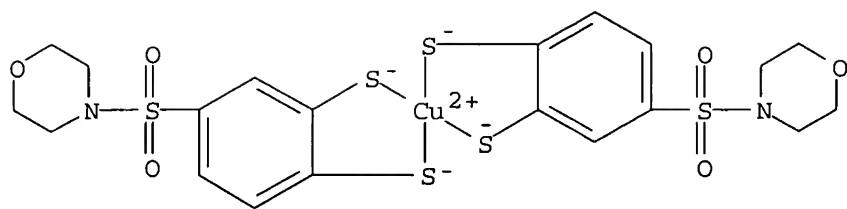
(optical absorption pigment for optical absorption material)

RN 775320-71-3 CAPLUS

CN 1H-Benz[e]indolium, 2-[7-(1,3-dihydro-1,1,3-trimethyl-2H-benz[e]indol-2-ylidene)-1,3,5-heptatrienyl]-1,1,3-trimethyl-, bis[4-[[3,4-di(mercapto-κS)phenyl]sulfonyl]morpholinato(2-)]cuprate(2-) (2:1) (9CI) (CA INDEX NAME)

CM 1

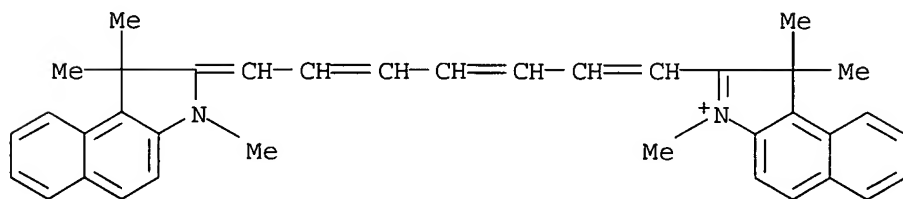
CRN 775320-55-3  
CMF C20 H22 Cu N2 O6 S6  
CCI CCS



CM 2

CRN 47809-39-2

CMF C37 H37 N2



RN 775320-73-5 CAPLUS

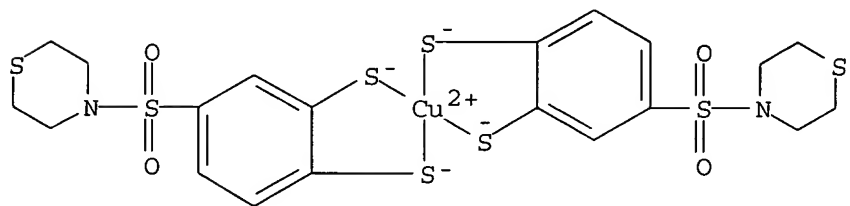
CN 1H-Benz[e]indolium, 2-[7-(1,3-dihydro-1,1,3-trimethyl-2H-benz[e]indol-2-ylidene)-1,3,5-heptatrienyl]-1,1,3-trimethyl-, bis[4-[[3,4-di(mercapto-κS)phenyl]sulfonyl]thiomorpholino(2-)]cuprate(2-) (2:1) (9CI) (CA INDEX NAME)

CM 1

CRN 775320-57-5

CMF C20 H22 Cu N2 O4 S8

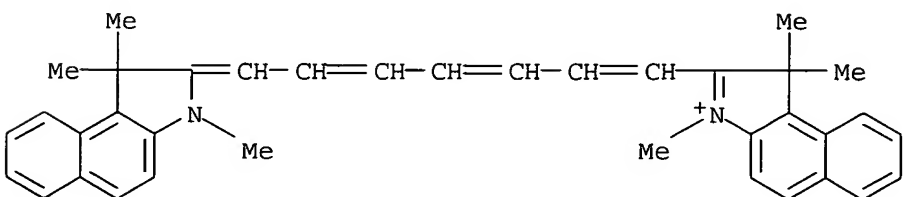
CCI CCS



CM 2

CRN 47809-39-2

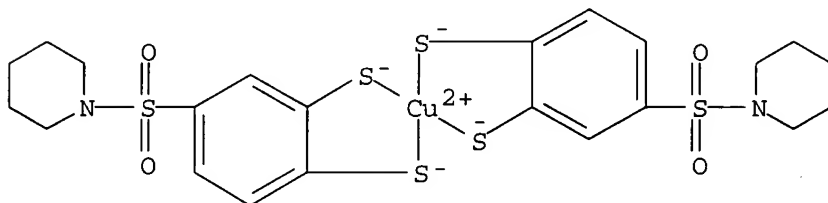
CMF C37 H37 N2



RN 775320-74-6 CAPLUS  
 CN 1H-Benz[e]indolium, 2-[7-(1,3-dihydro-1,1,3-trimethyl-2H-benz[e]indol-2-ylidene)-1,3,5-heptatrienyl]-1,1,3-trimethyl-, bis[1-[[3,4-di(mercapto-κS)phenyl]sulfonyl]piperidinato(2-)]cuprate(2-) (2:1) (9CI) (CA INDEX NAME)

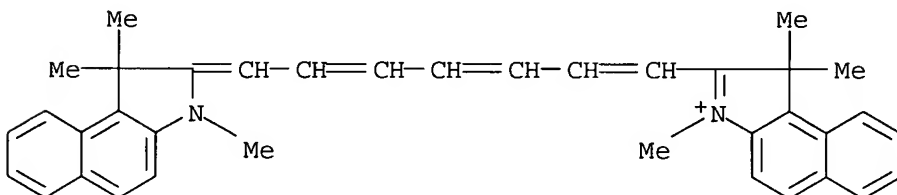
CM 1

CRN 775320-59-7  
 CMF C22 H26 Cu N2 O4 S6  
 CCI CCS



CM 2

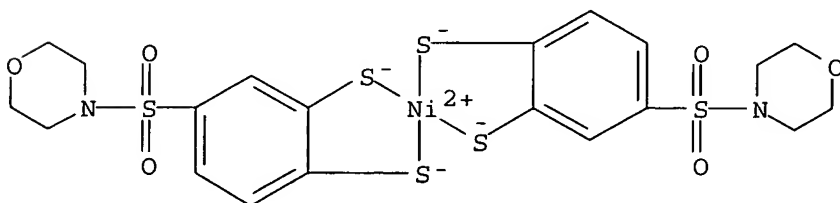
CRN 47809-39-2  
 CMF C37 H37 N2



RN 775320-76-8 CAPLUS  
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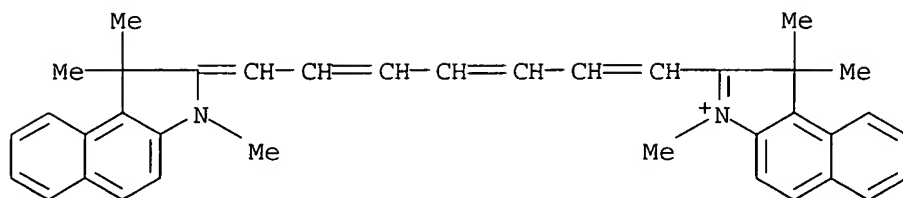
CM 1

CRN 775320-61-1  
 CMF C20 H22 N2 Ni O6 S6  
 CCI CCS



CM 2

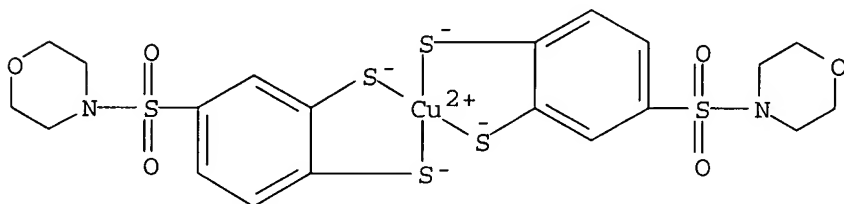
CRN 47809-39-2  
CMF C37 H37 N2



RN 775320-93-9 CAPLUS  
CN 1H-Benz[e]indolium, 2-[2-[2-chloro-3-[(1,3-dihydro-1,1,3-trimethyl-2H-benz[e]indol-2-ylidene)ethylidene]-1-cyclohexen-1-yl]ethenyl]-1,1,3-trimethyl-, bis[4-[[3,4-di(mercapto-κS)phenyl]sulfonyl]morpholinato(2-)]cuprate(2-) (2:1) (9CI) (CA INDEX NAME)

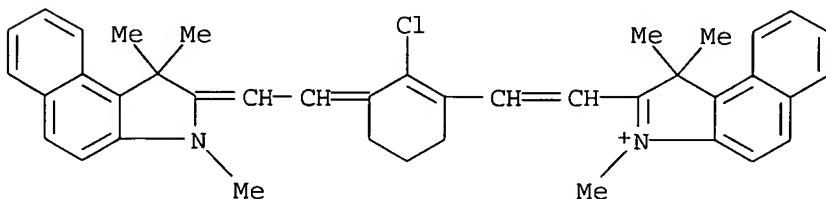
CM 1

CRN 775320-55-3  
CMF C20 H22 Cu N2 O6 S6  
CCI CCS



CM 2

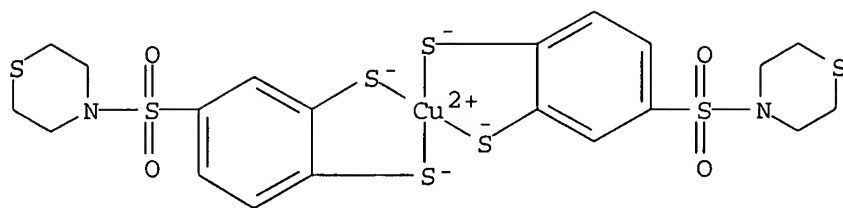
CRN 134127-47-2  
CMF C40 H40 Cl N2



RN 775320-94-0 CAPLUS  
CN 1H-Benz[e]indolium, 2-[2-[2-chloro-3-[(1,3-dihydro-1,1,3-trimethyl-2H-benz[e]indol-2-ylidene)ethylidene]-1-cyclohexen-1-yl]ethenyl]-1,1,3-trimethyl-, bis[4-[[3,4-di(mercapto-κS)phenyl]sulfonyl]thiomorpholinato(2-)]cuprate(2-) (2:1) (9CI) (CA INDEX NAME)

CM 1

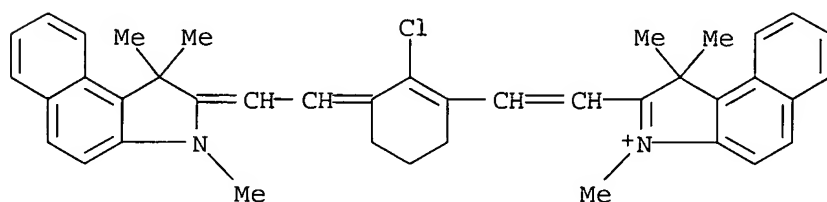
CRN 775320-57-5  
CMF C20 H22 Cu N2 O4 S8  
CCI CCS



CM 2

CRN 134127-47-2

CMF C40 H40 Cl N2



RN 775320-95-1 CAPLUS

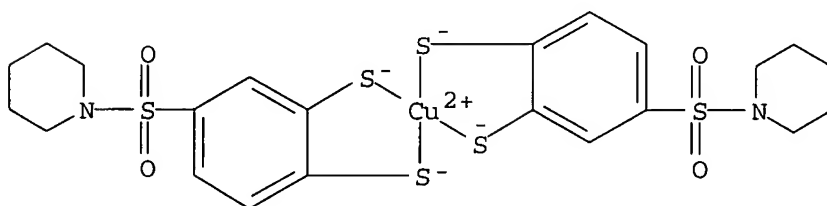
CN 1H-Benz[e]indolium, 2-[2-[2-chloro-3-[(1,3-dihydro-1,1,3-trimethyl-2H-benz[e]indol-2-ylidene)ethylidene]-1-cyclohexen-1-yl]ethenyl]-1,1,3-trimethyl-, bis[1-[[3,4-di(mercapto-κS)phenyl]sulfonyl]piperidinato(2-)]cuprate(2-) (2:1) (9CI) (CA INDEX NAME)

CM 1

CRN 775320-59-7

CMF C22 H26 Cu N2 O4 S6

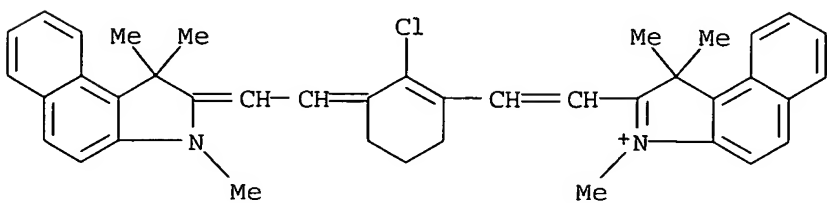
CCI CCS



CM 2

CRN 134127-47-2

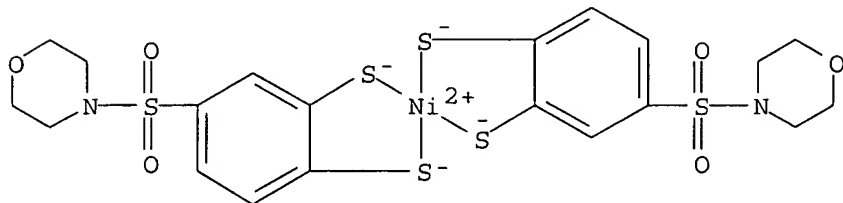
CMF C40 H40 Cl N2



RN 775320-96-2 CAPLUS  
 CN 1H-Benz[e]indolium, 2-{2-[2-chloro-3-[(1,3-dihydro-1,1,3-trimethyl-2H-benz[e]indol-2-ylidene)ethylidene]-1-cyclohexen-1-yl]ethenyl}-1,1,3-trimethyl-, bis[4-[[3,4-di(mercapto-κS)phenyl]sulfonyl]morpholinato(2-)]nickelate(2-) (2:1) (9CI) (CA INDEX NAME)

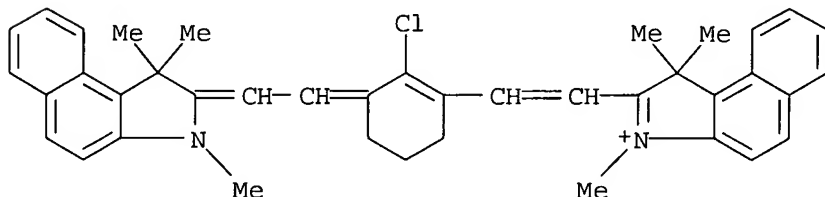
CM 1

CRN 775320-61-1  
 CMF C20 H22 N2 Ni O6 S6  
 CCI CCS



CM 2

CRN 134127-47-2  
 CMF C40 H40 Cl N2



L12 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2002:869223 CAPLUS  
 DN 137:371495  
 TI Near **infrared** light-absorbing films with good near-**IR** screening effect and long service life while retaining good visible light transmission and color tone  
 IN Kobayashi, Taichi; Matsuzaki, Masayuki; Sugimachi, Masato; Morimura, Yasuhiro  
 PA Bridgestone Corporation, Japan  
 SO PCT Int. Appl., 38 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002091043	A1	20021114	WO 2002-JP4350	20020501
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,				



CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

JP 2003021715	A2	20030124	JP 2002-106148	20020409
JP 2003043244	A2	20030213	JP 2002-106149	20020409
EP 1385024	A1	20040128	EP 2002-722915	20020501

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

US 2005040378	A1	20050224	US 2003-696312	20031030
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PRAI JP 2001-134523 A 20010501  
 JP 2001-145602 A 20010515  
 WO 2002-JP4350 W 20020501

OS MARPAT 137:371495

AB The near **IR** absorbing films comprise either a transparent substrate and a near **IR** absorbing layer containing a cyanine compound I (A = bivalent connecting group including ethylene; R1, R2 = C-containing monovalent group; X = monovalent anion) and a **diimonium** compound, or a transparent substrate, a layer containing I and a near **IR** absorbing layer containing a **diimonium** compound and are useful for plasma display shields, etc. Thus, coating a composition containing CIR 1081 (**diimonium** compound) 0.48, NK 5578 (cyanine compound) 0.063, Elitel UE 3690 (polyester) 7.5, dichloromethane 18.5, THF 55.5 and cyclohexane 18.5 g on a transparent polyester film (T 600E/W07) and drying gave a near-**IR** absorbing film.

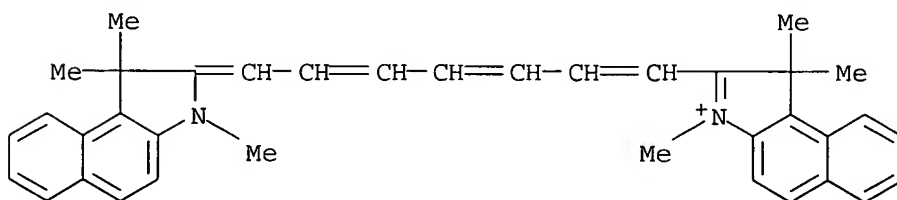
IT 23178-67-8, NK 2014  
 RL: TEM (Technical or engineered material use); USES (Uses)  
 (dye; near **IR** absorbing films with good near-**IR** screening effect and long service life while retaining good visible light transmission and color tone)

RN 23178-67-8 CAPLUS

CN 1H-Benz[e]indolium, 2-[7-(1,3-dihydro-1,1,3-trimethyl-2H-benz[e]indol-2-ylidene)-1,3,5-heptatrienyl]-1,1,3-trimethyl-, perchlorate (9CI) (CA INDEX NAME)

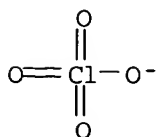
CM 1

CRN 47809-39-2  
 CMF C37 H37 N2



CM 2

CRN 14797-73-0  
 CMF Cl O4



## ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1992:162594 CAPLUS  
 DN 116:162594  
 TI Erasable optical recording medium  
 IN Omichi, Takahiro; Jo, Hisashi; Kawaguchi, Takeyuki; Iwata, Kaoru  
 PA Teijin Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 9 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03121890	A2	19910523	JP 1989-258882	19891005
PRAI	JP 1989-258882		19891005		

AB The erasable optical recording medium on a substrate is composed of an expansion layer containing a resin (P1) elastic at room temperature and a near-IR-absorbing dye (D1) and a retaining layer containing a resin (P2) capable of reversibly changing state between glass state at room temperature and

rubber state at a higher temperature This recording medium is characterized in that (1) D1 and D2 show different absorption maximum in near-IR region, (2) D1 and D2 are dispersed in P1 and P2 at 5 - 30 phr, resp., (3) the layer (A) and/or (B) contain aminium and/or diimonium compound stabilizing agent 5 - 30 phr in the corresponding resin, and (4) the sum of the dyes and the stabilizing agent is ≤40 phr of the total amount of the resin.

IT 23178-67-8

RL: USES (Uses)

(erasable optical recording medium containing)

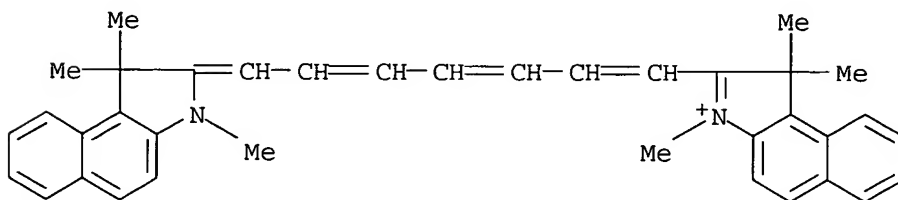
RN 23178-67-8 CAPLUS

CN 1H-Benz[e]indolium, 2-[7-(1,3-dihydro-1,1,3-trimethyl-2H-benz[e]indol-2-ylidene)-1,3,5-heptatrienyl]-1,1,3-trimethyl-, perchlorate (9CI) (CA INDEX NAME)

CM 1

CRN 47809-39-2

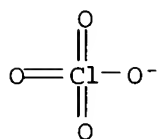
CMF C37 H37 N2



CM 2

CRN 14797-73-0

CMF C1 O4



=> d 110 790-812 ti hitstr

L10 ANSWER 790 OF 812 CAPLUS COPYRIGHT 2005 ACS on STN

TI Photofixable toner powder material

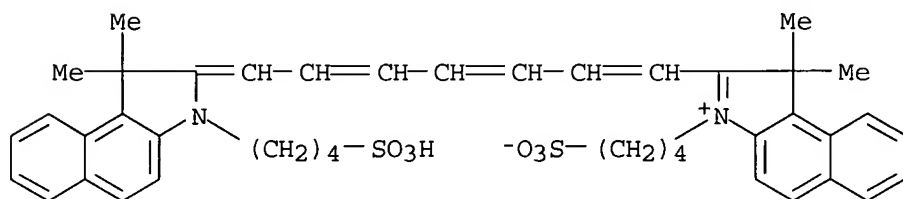
IT **3599-32-4**

RL: USES (Uses)

(photofixable toner containing, for laser printing)

RN 3599-32-4 CAPLUS

CN 1H-Benz[e]indolium, 2-[7-[1,3-dihydro-1,1-dimethyl-3-(4-sulfobutyl)-2H-benz[e]indol-2-ylidene]-1,3,5-heptatrienyl]-1,1-dimethyl-3-(4-sulfobutyl)-, inner salt, sodium salt (9CI) (CA INDEX NAME)



● Na

L10 ANSWER 791 OF 812 CAPLUS COPYRIGHT 2005 ACS on STN

TI Lack of uptake of indocyanine green and trypan blue by hepatocellular carcinoma

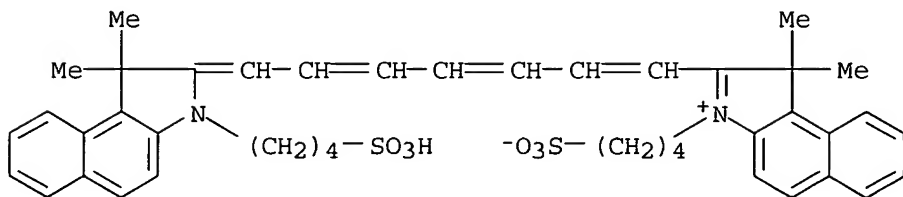
IT **3599-32-4**

RL: PROC (Process)

(transport of, lack of, by hepatocellular carcinoma)

RN 3599-32-4 CAPLUS

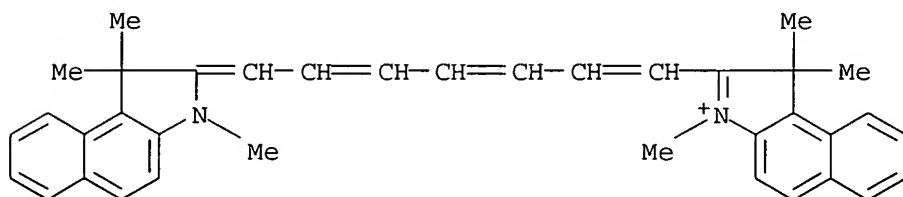
CN 1H-Benz[e]indolium, 2-[7-[1,3-dihydro-1,1-dimethyl-3-(4-sulfobutyl)-2H-benz[e]indol-2-ylidene]-1,3,5-heptatrienyl]-1,1-dimethyl-3-(4-sulfobutyl)-, inner salt, sodium salt (9CI) (CA INDEX NAME)



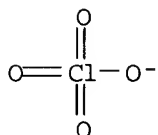
● Na

L10 ANSWER 792 OF 812 CAPLUS COPYRIGHT 2005 ACS on STN

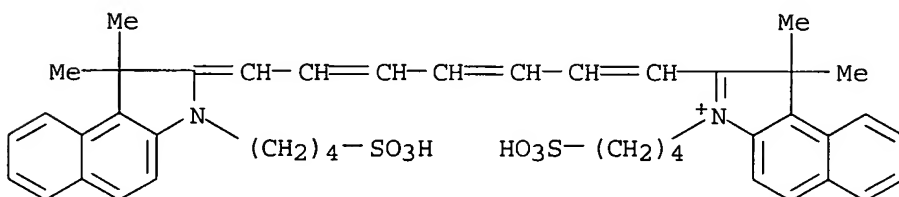
TI Thermally stable, **infrared**-sensitive zinc oxide  
 electrophotographic compositions  
 IT **23178-67-8 89013-14-9**  
 RL: USES (Uses)  
 (electrophotog. **IR** sensitizer)  
 RN 23178-67-8 CAPLUS  
 CN 1H-Benz[e]indolium, 2-[7-(1,3-dihydro-1,1,3-trimethyl-2H-benz[e]indol-2-ylidene)-1,3,5-heptatrienyl]-1,1,3-trimethyl-, perchlorate (9CI) (CA INDEX NAME)  
  
 CM 1  
  
 CRN 47809-39-2  
 CMF C37 H37 N2



CM 2  
  
 CRN 14797-73-0  
 CMF Cl O4



RN 89013-14-9 CAPLUS  
 CN 1H-Benz[e]indolium, 2-[7-[1,3-dihydro-1,1-dimethyl-3-(4-sulfoethyl)-2H-benz[e]indol-2-ylidene]-1,3,5-heptatrienyl]-1,1-dimethyl-3-(4-sulfoethyl)-, iodide (9CI) (CA INDEX NAME)



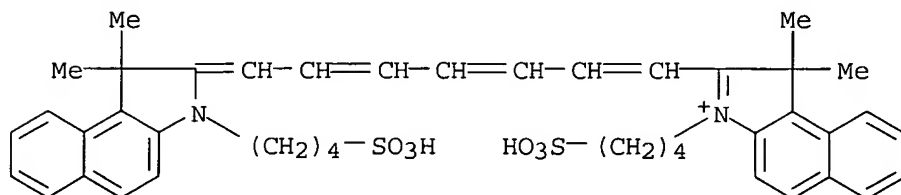
L10 ANSWER 793 OF 812 CAPLUS COPYRIGHT 2005 ACS on STN  
 TI Ink compositions absorbing **infrared** radiation  
 IT **54957-10-7**

RL: USES (Uses)

(in **IR**-absorbing inks)

RN 54957-10-7 CAPLUS

CN 1H-Benz[e]indolium, 2-[7-[1,3-dihydro-1,1-dimethyl-3-(4-sulfobutyl)-2H-benz[e]indol-2-ylidene]-1,3,5-heptatrienyl]-1,1-dimethyl-3-(4-sulfobutyl)-, iodide, monosodium salt (9CI) (CA INDEX NAME)



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L10 ANSWER 794 OF 812 CAPLUS COPYRIGHT 2005 ACS on STN

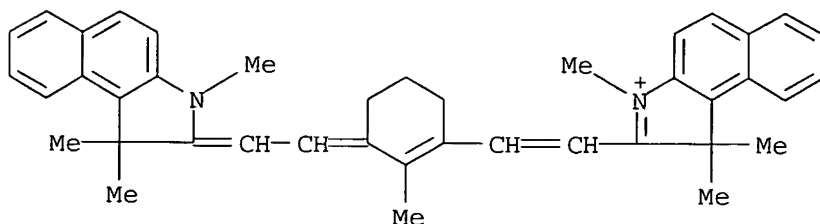
TI Chemistry of enolic ethers. LX. Aminoformylation of cyclic 1-alkoxy-1,3-dienes. Synthesis of pentamethine salts and tricarboyanines with cyclic fragments in the conjugation chain

IT 84626-22-2P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation and near-**IR** absorption of)

RN 84626-22-2 CAPLUS

CN 1H-Benz[e]indolium, 2-[2-[3-[(1,3-dihydro-1,1,3-trimethyl-2H-benz[e]indol-2-ylidene)ethylidene]-2-methyl-1-cyclohexen-1-yl]ethenyl]-1,1,3-trimethyl-, iodide (9CI) (CA INDEX NAME)



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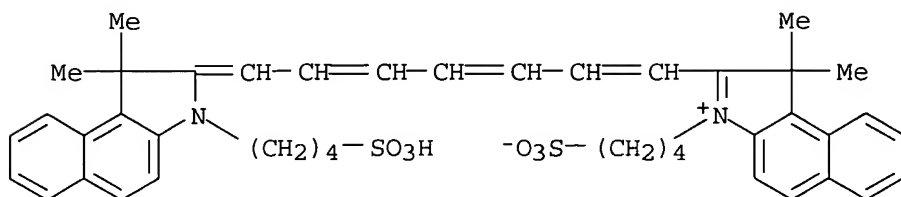
L10 ANSWER 795 OF 812 CAPLUS COPYRIGHT 2005 ACS on STN

TI **Infrared** spectrophotometer for simultaneous detection of traces of heavy water and indocyanine green in flowing blood. In vivo experimentation

IT 3599-32-4

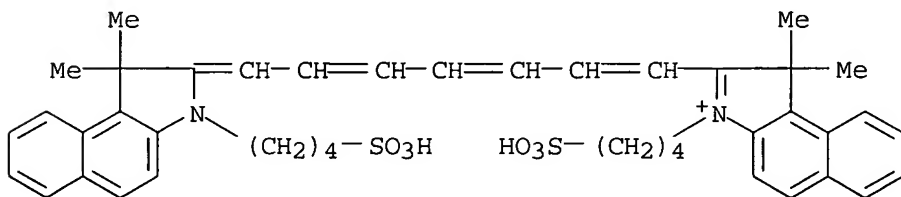
RL: ANT (Analyte); ANST (Analytical study) (determination of, in blood of humans and rats by **IR** spectrophotometry)

RN 3599-32-4 CAPLUS  
 CN 1H-Benz[e]indolium, 2-[7-[1,3-dihydro-1,1-dimethyl-3-(4-sulfobutyl)-2H-benz[e]indol-2-ylidene]-1,3,5-heptatrienyl]-1,1-dimethyl-3-(4-sulfobutyl)-, inner salt, sodium salt (9CI) (CA INDEX NAME)



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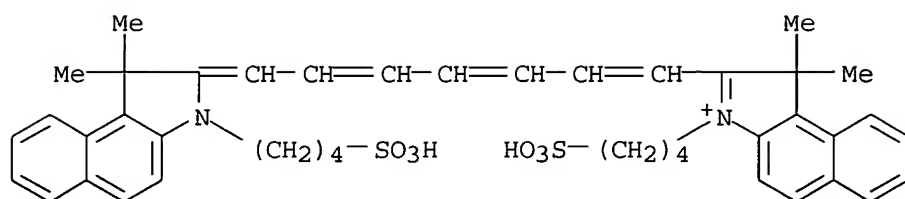
L10 ANSWER 796 OF 812 CAPLUS COPYRIGHT 2005 ACS on STN  
 TI Lasing properties of several near-**IR** dyes for a nitrogen laser-pumped dye laser with an optical amplifier  
 IT **54957-10-7**  
 RL: PRP (Properties)  
 (near-**IR** laser dye)  
 RN 54957-10-7 CAPLUS  
 CN 1H-Benz[e]indolium, 2-[7-[1,3-dihydro-1,1-dimethyl-3-(4-sulfobutyl)-2H-benz[e]indol-2-ylidene]-1,3,5-heptatrienyl]-1,1-dimethyl-3-(4-sulfobutyl)-, iodide, monosodium salt (9CI) (CA INDEX NAME)



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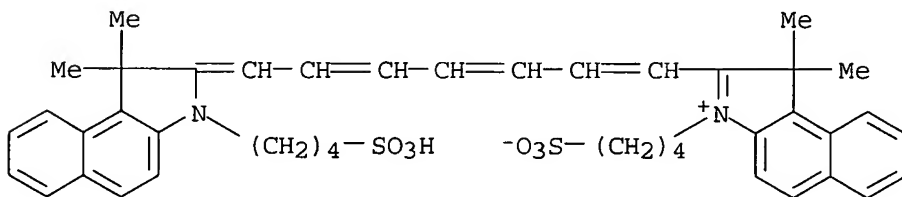
L10 ANSWER 797 OF 812 CAPLUS COPYRIGHT 2005 ACS on STN  
 TI Operation of a high-power, broadly tunable **infrared** dye laser  
 IT **54957-10-7**  
 RL: DEV (Device component use); USES (Uses)  
 (laser, high-power broadly tunable **IR**)  
 RN 54957-10-7 CAPLUS  
 CN 1H-Benz[e]indolium, 2-[7-[1,3-dihydro-1,1-dimethyl-3-(4-sulfobutyl)-2H-benz[e]indol-2-ylidene]-1,3,5-heptatrienyl]-1,1-dimethyl-3-(4-sulfobutyl)-, iodide, monosodium salt (9CI) (CA INDEX NAME)



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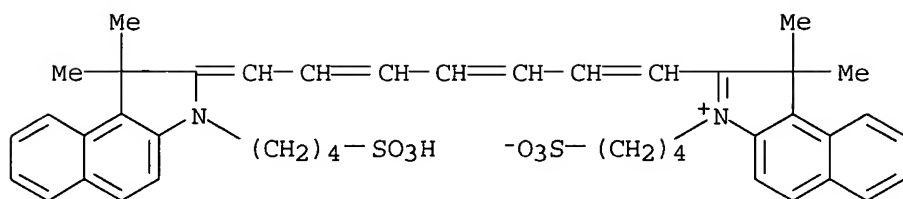
● Na

L10 ANSWER 798 OF 812 CAPLUS COPYRIGHT 2005 ACS on STN  
 TI **Infrared** technique for cerebral blood flow: comparison with xenon-133 clearance  
 IT **3599-32-4**  
 RL: ANST (Analytical study)  
 (in brain cerebrum circulation determination by differential IR spectrophotometry, xenon-133 compared to)  
 RN 3599-32-4 CAPLUS  
 CN 1H-Benz[e]indolium, 2-[7-[1,3-dihydro-1,1-dimethyl-3-(4-sulfobutyl)-2H-benz[e]indol-2-ylidene]-1,3,5-heptatrienyl]-1,1-dimethyl-3-(4-sulfobutyl)-, inner salt, sodium salt (9CI) (CA INDEX NAME)



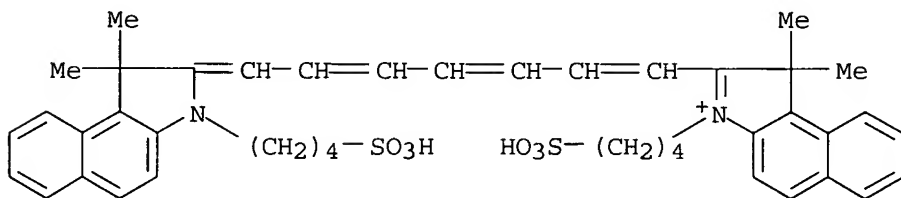
● Na

L10 ANSWER 799 OF 812 CAPLUS COPYRIGHT 2005 ACS on STN  
 TI Simultaneous detection of deuterium oxide and indocyanine green in flowing blood  
 IT **3599-32-4**  
 RL: ANST (Analytical study)  
 (in lung extravascular water determination by IR spectrophotometry)  
 RN 3599-32-4 CAPLUS  
 CN 1H-Benz[e]indolium, 2-[7-[1,3-dihydro-1,1-dimethyl-3-(4-sulfobutyl)-2H-benz[e]indol-2-ylidene]-1,3,5-heptatrienyl]-1,1-dimethyl-3-(4-sulfobutyl)-, inner salt, sodium salt (9CI) (CA INDEX NAME)



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L10 ANSWER 800 OF 812 CAPLUS COPYRIGHT 2005 ACS on STN  
 TI Laser dye stability. Part 6. Flashlamp-pumped tricarbocyanine near  
**infrared** dyes  
 IT **54957-10-7**  
 RL: PRP (Properties)  
 (laser stability of, in di-Me sulfoxide solution)  
 RN 54957-10-7 CAPLUS  
 CN 1H-Benz[e]indolium, 2-[7-[1,3-dihydro-1,1-dimethyl-3-(4-sulfobutyl)-2H-  
 benz[e]indol-2-ylidene]-1,3,5-heptatrienyl]-1,1-dimethyl-3-(4-sulfobutyl)-  
 , iodide, monosodium salt (9CI) (CA INDEX NAME)

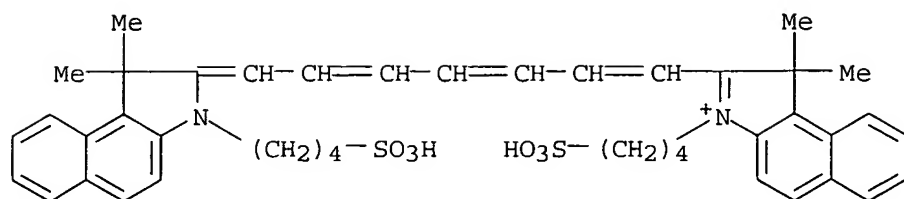


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L10 ANSWER 801 OF 812 CAPLUS COPYRIGHT 2005 ACS on STN  
 TI The surface photovoltage of polymethine semiconducting films  
 IT **54957-10-7**  
 RL: PRP (Properties)  
 (surface photovoltage of)  
 RN 54957-10-7 CAPLUS  
 CN 1H-Benz[e]indolium, 2-[7-[1,3-dihydro-1,1-dimethyl-3-(4-sulfobutyl)-2H-  
 benz[e]indol-2-ylidene]-1,3,5-heptatrienyl]-1,1-dimethyl-3-(4-sulfobutyl)-  
 , iodide, monosodium salt (9CI) (CA INDEX NAME)





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L10 ANSWER 802 OF 812 CAPLUS COPYRIGHT 2005 ACS on STN

TI Spectrophotometric determination of oxygen saturation of blood independent of the presence of indocyanine green

IT **3599-32-4**

RL: ANST (Analytical study)

(oxygen saturation determination in blood by spectrometry in presence of)